

## Product datasheet

## Anti-GJB3/CX31 antibody ab55159

## 画像数 2

## 製品の概要

製品名	Anti-GJB3/CX31 antibody
製品の詳細	Mouse monoclonal to GJB3/CX31
由来種	Mouse
アプリケーション	適用あり: WB, ICC/IF
種交差性	交差種: Human
免疫原	Recombinant full length protein, corresponding to amino acids 1-271 of Human GJB3

## 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
パッファー	Preservative: None PBS, pH 7.2
精製度	Protein G purified
ポリ/モノ	モノクローナル
アイソタイプ	IgG1
軽鎖の種類	kappa

## アプリケーション

## The Abpromise guarantee

Abpromise保証は、次のテスト済みアプリケーションにおけるab55159の使用に適用されます

アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		Use a concentration of 1 - 5 µg/ml. Predicted molecular weight: 31 kDa.
ICC/IF		Use a concentration of 10 µg/ml.

## ターゲット情報

### 機能

One gap junction consists of a cluster of closely packed pairs of transmembrane channels, the connexons, through which materials of low MW diffuse from one cell to a neighboring cell.

### 関連疾患

Defects in GJB3 are a cause of erythrokeratoderma variabilis (EKV) [MIM:133200]. EKV is a genodermatosis characterized by the appearance of two independent skin lesions: transient figurate erythematous patches and hyperkeratosis that is usually localized but occasionally occurs in its generalized form. Clinical presentation varies significantly within a family and from one family to another. Palmoplantar keratoderma is present in around 50% of cases.

Defects in GJB3 are the cause of deafness autosomal dominant type 2B (DFNA2B) [MIM:612644]. DFNA2 is a form of sensorineural hearing loss. Sensorineural deafness results from damage to the neural receptors of the inner ear, the nerve pathways to the brain, or the area of the brain that receives sound information.

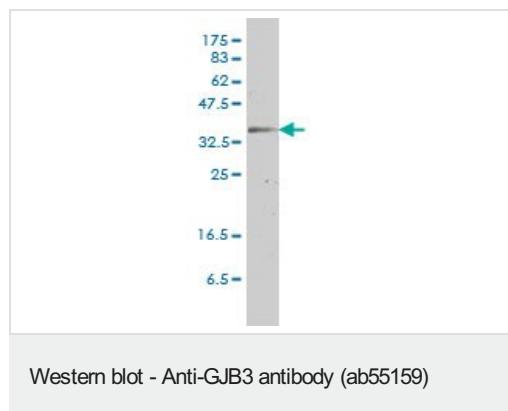
### 配列類似性

Belongs to the connexin family. Beta-type (group I) subfamily.

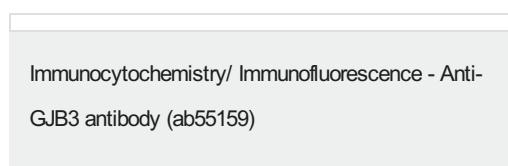
### 細胞内局在

Cell membrane. Cell junction > gap junction.

## 画像



GJB3 antibody (ab55159) at 1ug/lane + HeLa cell lysate at 25ug/lane.



ab55159 at 10 ug/ml staining GJB3 in human cells by Immunocytochemistry/ Immunofluorescence.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

## Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.co.jp/abpromise> or contact our technical team.

## Terms and conditions

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors